Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014782.D
Acq On : 23 Apr 2018 18:48
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02094

Quant Time: Apr 24 01:49:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 01:47:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	339617	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1405901	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	734956	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1564345	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1577442	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1628315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	61999	7.97	ng/uL	0.00
5) Phenol-d5	7.65	99	549230	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	360599	21.42	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	451941	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	438727	20.95	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	210258	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	220168	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	412726	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	540960	26.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1151577	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1449063	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	220590	20.72	ng/ul	0.00
57) Fluorene-d10	16.10	176	978168	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	159788	18.88	ng/ul	0.00
70) Anthracene-d10	17.94	188	1455987	19.97	ng/ul	0.00
76) Pyrene-d10	20.17	212	1517260	20.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1579198	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	65851	8.046	ng/uL#	80
4) Benzaldehyde	7.64	77	354113	25.640	ng/ul	92
6) Phenol	7.67	94	545051	21.100	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.92	93	435557	21.086	ng/ul	89
10) 2-Chlorophenol	8.08	128	442379	20.453	ng/ul	95
11) 2-Methylphenol	8.96	108	396650	20.891	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.05	45	825362	21.614	ng/ul#	96
14) Acetophenone	9.36	105	653374	21.296	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	339483	21.322	ng/ul#	81
16) 4-Methylphenol	9.29	108	425654	20.833	ng/ul	93
17) Hexachloroethane	9.63	117	183211	20.709	ng/ul#	65
20) Nitrobenzene	9.75	77	496503	20.448	ng/ul	93
21) Isophorone	10.27	82	872054	21.000	ng/ul#	93
23) 2-Nitrophenol	10.47	139	232178	21.114	ng/ul#	75
24) 2,4-Dimethylphenol	10.51	107	468012	20.145	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.75	93	561460	20.113	ng/ul	95
27) 2,4-Dichlorophenol	11.00	162	387197	19.718	ng/ul#	89
28) Naphthalene	11.42	128	1344173	19.620	ng/ul	99
30) 4-Chloroaniline	11.52	127	516547	26.213	ng/ul	93
31) Hexachlorobutadiene	11.69	225	235435	18.632	ng/ul	95
32) Caprolactam	12.27	113	119573	21.134	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.60	107	413872	20.836	ng/ul	94
34) 2-Methylnaphthalene	12.99	142	929530	19.538	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.35	216	440770	19.131 ng/ul#	96
37) Hexachlorocyclopentadiene	13.33	237	290871	18.325 ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	296096	20.807 ng/ul	97
39) 2,4,5-Trichlorophenol	13.65	196	307453	20.228 ng/ul	99
40) 1,1'-Biphenyl	13.97	154	1172462	19.838 ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	909054	19.807 ng/ul	97
42) 2-Nitroaniline	14.22	65	274249	22.580 ng/ul	93
44) Dimethylphthalate	14.56	163	1106567	19.952 ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	218660	21.496 ng/ul	90
47) Acenaphthylene	14.86	152	1401206	20.415 ng/ul	99
48) 3-Nitroaniline	15.02	138	238293	23.807 ng/ul	88
49) Acenaphthene	15.19	153	970273	19.892 ng/ul	100
50) 2,4-Dinitrophenol	15.22	184	101733	18.013 ng/ul	94
52) 4-Nitrophenol	15.30	109	161704	21.073 ng/ul#	83
53) Dibenzofuran	15.52	168	1337857	19.752 ng/ul	99
54) 2,4-Dinitrotoluene	15.47	165	314308	20.972 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.73	232	263090	20.399 ng/ul#	84
56) Diethylphthalate	15.90	149	1108426	19.855 ng/ul	94
58) Fluorene	16.16	166	1070571	19.574 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.14	204	523326	19.116 ng/ul	93
60) 4-Nitroaniline	16.16	138	240640	20.608 ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.22	198	166535	18.933 ng/ul	91
64) N-Nitrosodiphenylamine	16.35	169	916705	20.207 ng/ul	100
65) 4-Bromophenyl-phenylether	17.03	248	319179	19.318 ng/ul	95
66) Hexachlorobenzene	17.15	284	373039	19.434 ng/ul#	91
67) Atrazine	17.27	200	313057	21.610 ng/ul#	93
68) Pentachlorophenol	17.49	266	217609	19.933 ng/ul	98
69) Phenanthrene	17.88	178	1642834	19.555 ng/ul	99
71) Anthracene	17.97	178	1688923	19.809 ng/ul	99
72) Carbazole	18.23	167	1484224	20.406 ng/ul	99
73) Di-n-butylphthalate	18.75	149	1813259	20.501 ng/ul#	97
74) Fluoranthene	19.84	202	1819630	19.866 ng/ul#	81
77) Pyrene	20.20	202	1859410	20.174 ng/ul#	79
78) Butylbenzylphthalate	21.04	149	820672	21.826 ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.83	252	661616	21.984 ng/ul#	95
80) Benzo(a)anthracene	21.91	228	1842113	19.970 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	1188287	21.530 ng/ul#	95
82) Chrysene	21.97	228	1707361	19.771 ng/ul	99
84) Di-n-octyl phthalate	22.74	149	1956213	20.888 ng/ul#	91
85) Benzo(b)fluoranthene	23.66	252	1842264	19.193 ng/ul#	96
86) Benzo(k)fluoranthene	23.71	252	1807902	19.587 ng/ul#	95
88) Benzo(a)pyrene	24.31	252	1773341	19.476 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	2144565	19.469 ng/ul#	88
90) Dibenzo(a,h)anthracene	27.01	278	1807622	19.490 ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1759102	19.412 ng/ul#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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